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**ASTRONOMICAL RESEARCH:
FROM NEAR-EARTH SPACE
TO THE GALAXY**

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ABSTRACT BOOK

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The paper presents statistics of observations made at the Russian-Turkish telescope RTT150 under the international joint project in 2008-2011. Besides, the standard errors of astrometric and photometric measurements are given and discussed. Current status of the project, problems and possibilities are also discussed.

THE COLLABORATION BETWEEN SHAO AND NAO — CELEBRATION OF THE 190TH ANNIVERSARY OF NAO

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The long histories of SHAO and NAO are briefly described. The process of collaboration between SHAO and NAO, which has been implemented near 15 years since October 1996, is reviewed. The scientific results, such as link between optical and radio reference frame, Sino-Ukrainian network of optical telescopes for observations of the Space Debris on the low orbits, manufacture of rotating CCD camera etc., are attained and introduced. Finally, the further collaboration in the near future is suggested.

OBSERVATIONS WITH KYIV MERIDIAN AXIAL CIRCLE

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The Kyiv meridian axial circle (MAC) is a meridian refractor (D=180 mm, F=2.3 m). This instrument was used for observations of star fields in the direction of ICRF objects and, currently, for the equatorial zone astrometric survey. Since March 2001 we have started the program of observations of star fields with extragalactic radio-sources, which is now completed. The purpose of the astrometric survey program is to determine positions, proper motions, magnitudes and V-R colours of faint stars in the equatorial zones.